

Title (en)

STORAGE MANAGEMENT SYSTEM FOR VIRTUAL MACHINES

Title (de)

SPICHERVERWALTUNGSSYSTEM FÜR VIRTUELLE MASCHINEN

Title (fr)

SYSTÈME DE GESTION DE STOCKAGE POUR MACHINES VIRTUELLES

Publication

**EP 2350837 A1 20110803 (EN)**

Application

**EP 09813754 A 20090914**

Priority

- US 2009056844 W 20090914
- US 9691808 P 20080915

Abstract (en)

[origin: WO2010030996A1] A computer system (a method) for providing storage management solution that enables server virtualization in data centers is disclosed. The system comprises a plurality of storagedevices for storing data and a plurality of storage management drivers configured to provide an abstraction of the plurality of the storage devices to one or more virtual machines of the data center. A storage management driver is configured to represent a live disk or a snapshot of a live disk in a virtual disk image to the virtual machine associated with the driver. The driver is further configured to translate a logical address for a data block to one or more physical addresses of the data block through the virtual disk image. The system further comprises a master server configured to manage the abstraction of the plurality of the storage devices and to allocate storage space to one or more virtual disk images.

IPC 8 full level

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CPC (source: EP US)

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